



in accordance with ISO 14025 and EN 15804+A2

RQ Pure 6mm²





Draka

A Brand of Prysmian Group



Owner of the declaration: Prysmian Group Sverige AB

Product: RQ Pure 6mm²

Declared unit: 1 m

This declaration is based on Product Category Rules: CEN Standard EN 15804:2012+A2:2019 serves as core PCR NPCR 027:2020 Part B for Electrical cables and wires **Program operator:** The Norwegian EPD Foundation

Declaration number:

NEPD-7410-6810-EN

Registration number:

NEPD-7410-6810-EN

Issue date: 04.09.2024

Valid to: 04.09.2029

EPD software: LCAno EPD generator ID: 460909

The Norwegian EPD Foundation



General information

Product

RQ Pure 6mm²

Program operator:

The Norwegian EPD Foundation Post Box 5250 Majorstuen, 0303 Oslo, Norway Phone: +47 977 22 020 web: www.epd-norge.no

Declaration number:

NEPD-7410-6810-EN

This declaration is based on Product Category Rules:

CEN Standard EN 15804:2012+A2:2019 serves as core PCR NPCR 027:2020 Part B for Electrical cables and wires

Statement of liability:

The owner of the declaration shall be liable for the underlying information and evidence. EPD Norway shall not be liable with respect to manufacturer information, life cycle assessment data and evidences.

Declared unit:

1 m RQ Pure 6mm²

Declared unit with option:

A1,A2,A3,A4,A5,C1,C2,C3,C4,D

Functional unit:

1 m of installed RQ Pure 6mm² connection cable including waste treatment at end of life.

General information on verification of EPD from EPD tools:

Independent verification of data, other environmental information and the declaration according to ISO 14025:2010, § 8.1.3 and § 8.1.4. Verification of each EPD is made according to EPD-Norway's guidelines for verification and approval requiring that tools are i) integrated into the company's environmental management system, ii) the procedures for use of the EPD tool are approved by EPD-Norway, and iii) the process is reviewed annually by an independent third party verifier. See Appendix G of EPD-Norway's General Programme Instructions for further information on EPD tools

Verification of EPD tool:

Independent third party verification of the EPD tool, background data and test-EPD in accordance with EPDNorway's procedures and guidelines for verification and approval of EPD tools. Approval number: NEPDT32.

Third party verifier:

Vito D'Incognito, Take Care International

(no signature required)

Owner of the declaration:

Prysmian Group Sverige AB Contact person: Anders Sjöland Phone: +46 706128204 e-mail: anders.sjoland@prysmiangroup.com

Manufacturer:

Prysmian Group Sverige AB Vallgatan 5 571 41 Nässjö, Sweden

Place of production:

Prysmian Group production site Oulu (Finland) Johdintie 5 90630 Oulu, Finland

Management system:

ISO 9001, ISO 14001, ISO 45001

Organisation no:

556556-2104

Issue date:

04.09.2024

Valid to:

04.09.2029

Year of study:

2023

Comparability:

EPD of construction products may not be comparable if they not comply with EN 15804 and seen in a building context.

Development and verification of EPD:

The declaration is created using EPD tool lca.tools ver EPD2022.03, developed by LCA.no. The EPD tool is integrated in the company's management system, and has been approved by EPD Norway. Approval number: NEPDT33

Developer of EPD: Siri Andersen

Reviewer of company-specific input data and EPD: Kristoffer Berglund

Approved:

Håkon Hauan Managing Director of EPD-Norway



Product

Product description:

Halogen-free, flame retardant and self-extinguishing cable connection.

Smoke in the event of a fire is limited, transparent (facilitates evacuation) and not harmful for electronic equipment. For retraction of pipes, ducts and cabinets.

Product specification

Conductor material: Copper Core insulation material: Low smoke zero halogen

Cable shape: Round

| Materials | kg | % |
|--|------|--------|
| Metal - Copper | 0,05 | 76,64 |
| Plastic - Ethylene vinyl acetate (EVA) | 0,00 | 0,35 |
| Plastic compound - Halogen free polymer | 0,01 | 23,01 |
| Total | 0.06 | 100.00 |

Technical data:

RQ Pure 6mm² SAP code 20204842 External art. code: 0347226

This product comes in six different colors: White, Black, Green/yellow, Blue, Brown and Grey. This EPD is valid for all color options.

Market:

Scandinavia

Reference service life, product

30 years.

Reference service life, building or construction works 30 years.

LCA: Calculation rules

Declared unit:

1 m RQ Pure 6mm²

Cut-off criteria:

All major raw materials and all the essential energy is included. The production processes for raw materials and energy flows with very small amounts (less than 1%) are not included. These cut-off criteria do not apply for hazardous materials and substances.

Allocation:

The allocation is made in accordance with the provisions of EN 15804. Incoming energy and water and waste production in-house is allocated equally among all products through mass allocation. Effects of primary production of recycled materials is allocated to the main product in which the material was used. The recycling process and transportation of the material is allocated to this analysis.

Data quality:

Specific data for the product composition are provided by the manufacturer. The data represent the production of the declared product and were collected for EPD development in the year of study. Background data is based on EPDs according to EN 15804 and different LCA databases. The data quality of the raw materials in A1 is presented in the table below.

| Materials | Source | Data quality | Year |
|---|-------------------------------------|-----------------------------|------|
| Metal - Copper | Modified ecoinvent 3.6 | Database | 2019 |
| Plastic - Ethylene vinyl acetate (EVA) | ecoinvent 3.6 | Database | 2019 |
| Plastic compound - Halogen free polymer | Product composition + ecoinvent 3.6 | Supplier data + database | 2019 |

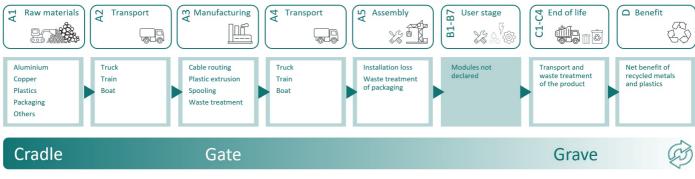


System boundaries (X=included, MND=module not declared, MNR=module not relevant)

| P | roduct stag | ge | Constr installati | | | Use stage | | | | | End of life stage | | | | Beyond the system boundaries | |
|------------------|-------------|---------------|----------------------|----------|-----|-------------|--------|-------------|---------------|------------------------------|--------------------------|-----------------------------------|-----------|---------------------|---------------------------------|--|
| Raw materials | Transport | Manufacturing | Transport | Assembly | Use | Maintenance | Repair | Replacement | Refurbishment | Operational energy use | Operational water use | De- construction demolition | Transport | Waste processing | Disposal | Reuse-Recovery- Recycling-potential |
| A1 | A2 | A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D |
| Х | Х | Х | Х | Х | MND | MND | MND | MND | MND | MND | MND | Х | Х | Х | Х | Х |

System boundary:

The flowchart below illustrates the system boundaries of the analysis:



Additional technical information:

Reaction-to-fire class (acc. EN 13501-6) Dca Smoke development class (acc. EN 13501-6) s2 Euro class flaming droplets/particles (acc. EN 13501-6) d2 Euro class acidity (acc. EN 13501-6) a1 Max. conductor temperature 70



LCA: Scenarios and additional technical information

The following information describe the scenarios in the different modules of the EPD.

Module A4 = An average distance between the factory in Oulu and the Scandinavian market is considered.

Installation (A5) and removal (C1) is assumed to be done with other products such as piping systems and should be assessed at a contruction works level.

For B1-B7 the default environmental impact and resource indicators in the EPD are assumed to be zero.

In C2, a distance of 300 km has been added as average transport to nearest waste treatment facilities.

In C3, datasets are developed for the recycling of metals and plastics and for the incinerations of plastic fractions (including energy recovery and fly ash extraction). All other minor raw materials in the product are assumed to be incinerated. Net benefit of material recycling and energy recovery are given in module D.

| Transport from production place to user (A4) | Capacity utilisation (incl. return) % | Distance (km) | Fuel/Energy Consumption | Unit | Value (Liter/tonne) |
|---|--|---------------|-------------------------|-------|------------------------|
| Truck, over 32 tonnes, EURO 5 (km) | 53,3 % | 1800 | 0,023 | l/tkm | 41,40 |
| Assembly (A5) | Unit | Value | | | |
| Product loss during installation (percentage of cable) | Units/DU | 0,02 | | | |
| Transport to waste processing (C2) | Capacity utilisation (incl. return) % | Distance (km) | Fuel/Energy Consumption | Unit | Value (Liter/tonne) |
| Truck, 16-32 tonnes, EURO 5 (km) | 36,7 % | 300 | 0,044 | l/tkm | 13,20 |
| Waste processing (C3) | Unit | Value | | | |
| Copper to recycling (kg) | kg | 0,03 | | | |
| Waste treatment of plastic mixture, incineration with energy recovery and fly ash extraction (kg) | kg | 0,01 | | | |
| Disposal (C4) | Unit | Value | | | |
| Landfilling of ashes from incineration of Plastic mixture, process per kg ashes and residues (kg) | kg | 0,00 | | | |
| Landfilling of copper (kg) | kg | 0,02 | | | |
| Landfilling of plastic mixture (kg) | kg | 0,01 | | | |
| Benefits and loads beyond the system boundaries (D) | Unit | Value | | | |
| Substitution of electricity (MJ) | MJ | 0,01 | | | |
| Substitution of primary copper with net scrap (kg) | kg | 0,01 | | | |
| Substitution of thermal energy, district heating (MJ) | MJ | 0,17 | | | |



LCA: Results

The LCA results are presented below for the declared unit defined on page 2 of the EPD document.

| Envir | onmental imp | act | | | | | | | | | | |
|----------|-------------------------|----------------------------|----------|----------|-----------|----------|----------|----|----------|----------|----------|-----------|
| | Indicator | Unit | A1 | A2 | A3 | A4 | A5 | C1 | C2 | C3 | C4 | D |
| P | GWP-total | kg CO ₂ - eq | 1,93E-01 | 1,26E-02 | 2,32E-02 | 1,03E-02 | 5,22E-03 | 0 | 3,14E-03 | 1,73E-02 | 1,11E-03 | -2,87E-02 |
| P | GWP-fossil | kg CO ₂ - eq | 1,92E-01 | 1,26E-02 | 2,22E-02 | 1,03E-02 | 5,17E-03 | 0 | 3,14E-03 | 1,73E-02 | 1,11E-03 | -2,85E-02 |
| P | GWP-biogenic | kg CO ₂ - eq | 1,35E-03 | 3,70E-06 | 8, 14E-04 | 4,21E-06 | 4,36E-05 | 0 | 1,28E-06 | 3,77E-07 | 7,49E-08 | -1,30E-04 |
| P | GWP-luluc | kg CO ₂ - eq | 2,44E-04 | 6,91E-06 | 2,05E-04 | 2,99E-06 | 9,22E-06 | 0 | 1,10E-06 | 7,03E-08 | 1,24E-07 | -6,31E-05 |
| Ò | ODP | kg CFC11 - eq | 1,81E-08 | 2,62E-09 | 2,65E-09 | 2,37E-09 | 5,32E-10 | 0 | 7,15E-10 | 3,80E-11 | 1,00E-10 | -7,19E-05 |
| | AP | mol H+ -eq | 1,75E-02 | 3,31E-04 | 8,50E-05 | 4,31E-05 | 3,60E-04 | 0 | 1,28E-05 | 3,80E-06 | 2,71E-06 | -4,64E-03 |
| | EP-FreshWater | kg P -eq | 1,52E-04 | 5,93E-08 | 8,36E-07 | 7,82E-08 | 3,06E-06 | 0 | 2,46E-08 | 3,34E-09 | 5,77E-09 | -3,13E-05 |
| | EP-Marine | kg N -eq | 6,87E-04 | 8,32E-05 | 1,52E-05 | 1,30E-05 | 1,61E-05 | 0 | 3,80E-06 | 1,82E-06 | 1,84E-06 | -1,93E-04 |
| | EP-Terrestial | mol N - eq | 1,02E-02 | 9,25E-04 | 1,74E-04 | 1,43E-04 | 2,29E-04 | 0 | 4,20E-05 | 1,86E-05 | 1,09E-05 | -2,98E-03 |
| | РОСР | kg NMVOC -eq | 2,99E-03 | 2,42E-04 | 4,46E-05 | 4,61E-05 | 6,69E-05 | 0 | 1,29E-05 | 4,49E-06 | 3,27E-06 | -8,08E-04 |
| -5D | ADP- minerals&metals | kg Sb- I eq | 5,19E-05 | 1,16E-07 | 1,57E-07 | 1,75E-07 | 1,05E-06 | 0 | 8,49E-08 | 1,90E-09 | 2,66E-09 | -2,59E-05 |
| B | ADP-fossil ¹ | MJ | 2,64E+00 | 1,69E-01 | 5,71E-01 | 1,60E-01 | 7,20E-02 | 0 | 4,73E-02 | 2,38E-03 | 8,06E-03 | -2,60E-01 |
| % | WDP ¹ | m ³ | 5,76E+00 | 5,89E-02 | 3,15E+01 | 1,22E-01 | 7,53E-01 | 0 | 4,51E-02 | 1,72E-02 | 1,79E-01 | 1,33E+00 |

GWP-total = Global Warming Potential total; GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential, Accumulated Exceedance; EP-freshwater = Eutrophication potential, fraction of nutrients reaching freshwater end compartment: EP-marine = Eutrophication potential, fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential, Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential, deprivation-weighted water consumption

"Reading example: 9,0 E-03 = 9,0*10-3 = 0,009" *INA Indicator Not Assessed

1. The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator

Remarks to environmental impacts



| Addi | Additional environmental impact indicators | | | | | | | | | | | | | |
|---------------|--|-------------------|----------|----------|----------|----------|----------|----|----------|----------|----------|-----------|--|--|
| Ind | icator | Unit | A1 | A2 | A3 | A4 | A5 | C1 | C2 | C3 | C4 | D | | |
| | PM | Disease incidence | 3,42E-08 | 5,19E-10 | 3,98E-10 | 9,03E-10 | 7,27E-10 | 0 | 2,26E-10 | 1,60E-11 | 4,80E-11 | -9,74E-09 | | |
| | IRP ² | kgBq U235 -eq | 8,89E-03 | 7,32E-04 | 1,39E-02 | 6,97E-04 | 4,91E-04 | 0 | 2,07E-04 | 6,00E-06 | 5,08E-05 | -3,96E-04 | | |
| | ETP-fw ¹ | CTUe | 1,45E+02 | 1,04E-01 | 4,19E-01 | 1,17E-01 | 3,15E+00 | 0 | 3,48E-02 | 3,66E-02 | 1,19E+01 | -4,26E+01 | | |
| 40.** **** | HTP-c ¹ | CTUh | 2,87E-09 | 0,00E+00 | 1,10E-11 | 0,00E+00 | 5,80E-11 | 0 | 0,00E+00 | 1,00E-12 | 1,00E-12 | -6,02E-10 | | |
| 48 00 | HTP-nc ¹ | CTUh | 2,43E-07 | 1,21E-10 | 2,93E-10 | 1,13E-10 | 4,87E-09 | 0 | 3,80E-11 | 4,60E-11 | 1,10E-11 | -5,16E-08 | | |
| Ò | SQP ¹ | dimensionless | 2,61E+00 | 6,66E-02 | 3,49E-01 | 1,83E-01 | 6,52E-02 | 0 | 3,26E-02 | 4,35E-04 | 1,74E-02 | -6,35E-01 | | |

PM = Particulate Matter emissions; IRP = Ionizing radiation – human health; ETP-fw = Eco toxicity – freshwater; HTP-c = Human toxicity – cancer effects; HTP-nc = Human toxicity – non cancer effects; SQP = Potential Soil Quality Index (dimensionless)

"Reading example: 9,0 E-03 = 9,0*10-3 = 0,009" *INA Indicator Not Assessed

1. The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator

2. This impact category deals mainly with the eventual impact of low dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionizing radiation from the soil, from radon and from some construction materials is also not measured by this indicator.



| Resource | e use | | | | | | | | | | | |
|--------------|---------|----------------|----------|----------|----------|----------|----------|----|----------|-----------|----------|-----------|
| | licator | Unit | A1 | A2 | A3 | A4 | A5 | C1 | C2 | C3 | C4 | D |
| ir S | PERE | MJ | 4,80E-01 | 1,35E-03 | 1,76E-01 | 2,01E-03 | 1,32E-02 | 0 | 6,67E-04 | 1,33E-04 | 9,69E-04 | -1,86E-01 |
| A | PERM | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| ° ⊊ s | PERT | MJ | 4,80E-01 | 1,35E-03 | 1,76E-01 | 2,01E-03 | 1,32E-02 | 0 | 6,67E-04 | 1,33E-04 | 9,69E-04 | -1,86E-01 |
| Ð | PENRE | MJ | 2,43E+00 | 1,69E-01 | 5,92E-01 | 1,60E-01 | 6,82E-02 | 0 | 4,73E-02 | 2,38E-03 | 8,06E-03 | -2,60E-01 |
| .Åe | PENRM | MJ | 2,11E-01 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 2,59E-04 | 0 | 0,00E+00 | -1,98E-01 | 0,00E+00 | 0,00E+00 |
| IA | PENRT | MJ | 2,64E+00 | 1,69E-01 | 5,92E-01 | 1,60E-01 | 6,85E-02 | 0 | 4,73E-02 | -1,95E-01 | 8,06E-03 | -2,60E-01 |
| | SM | kg | 1,79E-02 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 3,58E-04 | 0 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 8,06E-03 |
| 2 | RSF | MJ | 5,95E-04 | 3,97E-05 | 2,07E-03 | 7,02E-05 | 5,63E-05 | 0 | 2,39E-05 | 2,85E-06 | 2,01E-05 | 7,51E-04 |
| Ū. | NRSF | MJ | 2,95E-05 | 6,69E-05 | 6,61E-03 | 2,35E-04 | 1,41E-04 | 0 | 8,52E-05 | 0,00E+00 | 3,54E-06 | -3,51E-03 |
| \$ | FW | m ³ | 3,86E-03 | 1,11E-05 | 6,60E-04 | 1,82E-05 | 9,18E-05 | 0 | 4,98E-06 | 2,02E-05 | 1,05E-05 | -7,79E-04 |

PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non-renewable primary energy resources; SENRE = Use of non renewable primary energy resources; SENRE = Use of secondary materials; PENRT = Total use of non renewable primary energy resources; SM = Use of secondary materials; RERT = Total use of non renewable primary energy resources; SM = Use of secondary materials; RERT = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Net use of fresh water

"Reading example: 9,0 E-03 = 9,0*10-3 = 0,009" *INA Indicator Not Assessed



| End of lif | fe - Waste | | | | | | | | | | | |
|------------|------------|------|----------|----------|----------|----------|----------|----|----------|----------|----------|-----------|
| Ind | icator | Unit | A1 | A2 | A3 | A4 | A5 | C1 | C2 | C3 | C4 | D |
| ā | HWD | kg | 2,24E-03 | 7,49E-06 | 1,50E-03 | 8,73E-06 | 8,97E-05 | 0 | 2,41E-06 | 0,00E+00 | 7,27E-04 | -3,13E-04 |
| Ū | NHWD | kg | 7,13E-02 | 4,11E-03 | 2,98E-03 | 1,39E-02 | 2,43E-03 | 0 | 2,26E-03 | 0,00E+00 | 2,68E-02 | -1,36E-02 |
| R | RWD | kg | 8,22E-06 | 1,18E-06 | 6,40E-06 | 1,09E-06 | 3,45E-07 | 0 | 3,22E-07 | 0,00E+00 | 5,56E-08 | -3,51E-07 |

HWD = Hazardous waste disposed; NHWD = Non-hazardous waste disposed; RWD = Radioactive waste disposed

"Reading example: 9,0 E-03 = 9,0*10-3 = 0,009" *INA Indicator Not Assessed

| End | nd of life - Output flow | | | | | | | | | | | | | |
|-----|--------------------------|-----|------|----------|----------|----------|----------|----------|----|----------|----------|----------|-----------|--|
| | Indica | tor | Unit | A1 | A2 | A3 | A4 | A5 | C1 | C2 | C3 | C4 | D | |
| Q | 90 | CRU | kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | |
| Ę | 30 | MFR | kg | 0,00E+00 | 0,00E+00 | 3,73E-05 | 0,00E+00 | 5,77E-04 | 0 | 0,00E+00 | 2,88E-02 | 6,57E-07 | -3,16E-04 | |
| ĺ | >77 | MER | kg | 0,00E+00 | 0,00E+00 | 6,24E-03 | 0,00E+00 | 2,71E-04 | 0 | 0,00E+00 | 7,33E-03 | 1,61E-08 | -4,16E-05 | |
| Ę | 3D | EEE | MJ | 0,00E+00 | 0,00E+00 | 3,68E-03 | 0,00E+00 | 2,99E-04 | 0 | 0,00E+00 | 1,13E-02 | 1,04E-06 | -1,02E-04 | |
| [| >0 | EET | MJ | 0,00E+00 | 0,00E+00 | 5,57E-02 | 0,00E+00 | 4,52E-03 | 0 | 0,00E+00 | 1,70E-01 | 1,58E-05 | -1,54E-03 | |

CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported energy electrical; EET = Exported energy thermal

"Reading example: 9,0 E-03 = 9,0*10-3 = 0,009" *INA Indicator Not Assessed

| Biogenic Carbon Content | | | | | | | | | | | |
|---|------|---------------------|--|--|--|--|--|--|--|--|--|
| Indicator | Unit | At the factory gate | | | | | | | | | |
| Biogenic carbon content in product | kg C | 0,00E+00 | | | | | | | | | |
| Biogenic carbon content in accompanying packaging | kg C | 0,00E+00 | | | | | | | | | |

Note: 1 kg biogenic carbon is equivalent to 44/12 kg CO2



Additional requirements

Greenhouse gas emissions from the use of electricity in the manufacturing phase

National production mix from import, low voltage (production of transmission lines, in addition to direct emissions and losses in grid) of applied electricity for the manufacturing process (A3).

| Electricity mix | Source | Amount | Unit |
|----------------------------|---------------|--------|--------------|
| Electricity, Finland (kWh) | ecoinvent 3.6 | 255,20 | g CO2-eq/kWh |

Dangerous substances

The product contains no substances given by the REACH Candidate list.

Indoor environment

Additional Environmental Information

| Additional e | Additional environmental impact indicators required in NPCR Part A for construction products | | | | | | | | | | | | |
|--------------|--|----------|----------|----------|----------|----------|----|----------|----------|----------|-----------|--|--|
| Indicator | Unit | A1 | A2 | A3 | A4 | A5 | C1 | C2 | C3 | C4 | D | | |
| GWPIOBC | kg CO ₂ -eq | 1,93E-01 | 1,26E-02 | 2,90E-02 | 1,03E-02 | 5,34E-03 | 0 | 3,14E-03 | 1,73E-02 | 1,19E-03 | -1,41E-02 | | |

GWP-IOBC: Global warming potential calculated according to the principle of instantaneous oxidation. In order to increase the transparency of biogenic carbon contribution to climate impact, the indicator GWP-IOBC is required as it declares climate impacts calculated according to the principle of instantaneous oxidation. GWP-IOBC is also referred to as GWP-GHG in context to Swedish public procurement legislation.



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| 🕲 epd-norge | Program operator and publisher | Phone: +47 977 22 020 |
|-------------------------|---|--|
| | The Norwegian EPD Foundation | e-mail: post@epd-norge.no |
| Global program operatør | Post Box 5250 Majorstuen, 0303 Oslo, Norway | web: www.epd-norge.no |
| 🖸 prysmian | Owner of the declaration: | Phone: +46 706128204 |
| | Prysmian Group Sverige AB | e-mail: anders.sjoland@prysmiangroup.cor |
| | Vallgatan 5, 571 41 Nässjö | web: |
| | Author of the Life Cycle Assessment | Phone: +47 916 50 916 |
| | LCA.no AS | e-mail: post@lca.no |
| | Dokka 6A, 1671 Kråkerøy | web: www.lca.no |
| LCA | Developer of EPD generator | Phone: +47 916 50 916 |
| | LCA.no AS | e-mail: post@lca.no |
| | Dokka 6A, 1671 Kråkerøy | web: www.lca.no |
| | ECO Platform | web: www.eco-platform.org |
| | ECO Portal | web: ECO Portal |
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